

Class- XI Course Planner

Physics

Chapter name	lectures	Total hours
Unit & dimensions & error	9 lectures	9
Vectors	8 lectures	8
mathematical tools	7 lectures	7
Kinematics(1-D motion & relative motion)	18 lectures	18
Kinematics (2-D motion)	8 lectures	8
Circular motion	7 lectures	7
NLM	9 lectures	9
Friction	6 lectures	6
Work, power & energy	9 lectures	9
Gravitational motion	6 lectures	6
Centre of mass	13 lectures	13
Momentum conservation & collision	10 lectures	10
SHM	8 lectures	8
Waves	19 lectures	19
Rotational motion	20 lectures	20
Properties of solids	4 lectures	4
Surface tension & viscosity	8 lectures	8
Fluid mechanics	9 lectures	9
Heat-1 (Specific , latent , problem of mixture, Heat transfer)	13 lectures	13
Heat-2(Thermodynamics & KTG)	12 lectures	12
Total	203 lectures (approx 6 months performa)	203
Chemistry		
Structure of Atoms	10 lectures	10
Some basic concept of chemistry	15 lectures	15

Periodic classification	9 lectures	9
Chemical bonding	15 lectures	15
States of matter	4 lectures	4
Thermodynamics	16 lectures	16
Chemical equilibrium	12 lectures	12
Ionic equilibrium	12 lectures	12
Redox reaction	3 lectures	3
Hydrogen & it's compound	5 lectures	5
S-block elements	6 lectures	6
P-block elements(group 13 & 14 elements)	9 lectures	9
IUPAC	4 lectures	4
GOC-1(Isomerism)	14 lectures	14
GOC-2	20 lectures	20
Hydrocarbons(alkane, alkene & alkyne)	8 lectures	8
Total	162 lectures (approx 6 months performa)	162
Maths		
Sets , relations & function	17 lectures	17
Trigonometry ratio-I	20 lectures	20
Trigonometry equation	20 lectures	20
Basic mathematics logarithm	18 lectures	18
Complex Numbers	6 lectures	6
Quadratic Equations	15 lectures	15
Linear Inequalities	9 lectures	9
Permutations and Combinations	14 lectures	14
Binomial Theorem	8 lectures	8
Sequences and Series	17 lectures	17
Straight Lines	20 lectures	20
Conic Sections	23 lectures	23
Introduction to Three Dimensional Geometry	15 lectures	15
Limits and Derivatives	18 lectures	18

Mathematical Reasoning	11 days	11
Statistics	10 days	10
Probability	9 lectures	9
Total	250 lectures (approx 6 months Performa)	250
Biology		
The Living World	9 lectures	9
Biological Classification	11 lectures	11
Plant Kingdom	8 lectures	8
Animal Kingdom	8 lectures	8
Morphology of Flowering Plants	8 lectures	8
Anatomy of Flowering Plants	8 lectures	8
Structural Organization in Animals	7 lectures	7
Cell : The Unit of Life	8 lectures	8
Biomolecular	8 lectures	8
Cell Cycle and Cell Division	7 lectures	7
Transport in Plants	8 lectures	8
Mineral Nutrition	8 lectures	8
Photosynthesis in Higher Plants	9 lectures	9
Respiration in Plants	7 lectures	7
Plant Growth and Development	11 lectures	11
Digestion and Absorption	9 lectures	9
Breathing and Exchange of Gases	6 lectures	6
Body Fluids and Circulation	8 lectures	8
Excretory Products and their Elimination	7 lectures	7
Locomotion and Movement	8 lectures	8
Neural Control and Coordination	11 lectures	11
Chemical Coordination and Integration	9 lectures	9
Total	183 lectures (approx 6 months Performa)	183